

Title (en)

METHOD FOR PRODUCING ANGULAR COMPONENTS CONSISTING OF FLAT-STRIP LAMINATED SECTIONS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON AUS FLACHBANDLAMELLEN BESTEHENDEN WINKELFÖRMIGEN BAUTEILEN

Title (fr)

PROCEDE DE PRODUCTION D'ELEMENTS ANGULAIRES A BASE DE LAMELLES DE BANDE PLATE

Publication

EP 1147269 B1 20030604 (DE)

Application

EP 00901559 A 20000114

Priority

- DE 19903681 A 19990129
- EP 0000252 W 20000114

Abstract (en)

[origin: WO0045009A1] The invention relates to a method for producing angular components consisting of flat-strip laminated sections for the retrofitted reinforcement of concrete structures. According to said method several monolayer supporting fibre layers which are embedded in a binding agent film (140) are drawn, wound or pressed onto a shaping element (142, 144, 154) having at least one shaping edge (148, 152, 155) such that they are superimposed on their broad sides and then compressed under the influence of pressure and heat until said layers are joined across their broad sides. After curing of the binding agent the composite part (158) produced in this way is removed from the shaping element and divided into angular components (110) having defined leg lengths and/or widths.

IPC 1-7

E04C 5/07; **B29C 53/56**

IPC 8 full level

E04C 5/07 (2006.01); **B29C 53/04** (2006.01); **B29C 53/56** (2006.01); **B29C 70/16** (2006.01); **B29C 70/20** (2006.01); **B29C 70/34** (2006.01); **B29C 70/54** (2006.01); **B32B 27/04** (2006.01); **E04G 23/02** (2006.01); **B29C 43/20** (2006.01); **B29K 105/08** (2006.01); **B29L 31/10** (2006.01)

CPC (source: EP KR US)

B29C 53/56 (2013.01 - KR); **B29C 53/562** (2013.01 - EP); **B29C 70/347** (2013.01 - EP); **B29C 70/545** (2013.01 - EP); **B32B 27/04** (2013.01 - EP); **B32B 37/00** (2013.01 - EP US); **E04G 23/0218** (2013.01 - EP); **B29C 43/203** (2013.01 - EP); **B29C 70/46** (2013.01 - EP US); **B29C 2793/009** (2013.01 - EP); **E04G 2023/0251** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0045009 A1 20000803; AT E242378 T1 20030615; AU 2291000 A 20000818; CA 2360079 A1 20000803; CN 1114019 C 20030709; CN 1338021 A 20020227; DE 19903681 A1 20000803; DE 50002441 D1 20030710; EP 1147269 A1 20011024; EP 1147269 B1 20030604; JP 2002535187 A 20021022; KR 20010101875 A 20011115

DOCDB simple family (application)

EP 0000252 W 20000114; AT 00901559 T 20000114; AU 2291000 A 20000114; CA 2360079 A 20000114; CN 00803183 A 20000114; DE 19903681 A 19990129; DE 50002441 T 20000114; EP 00901559 A 20000114; JP 2000596237 A 20000114; KR 20017009591 A 20010730